RDF representation of RDA relationship designators. Appendix 4: Directional labels and definitions for RDF properties based on RDA relationship elements and designators

Background

RDA Toolkit relationship and element designator labels are singular nouns and definitions refer in the main only to the range (the target of the element or designator). This results in ambiguity when they are represented in RDF because the properties need to encapsulate the full semantics in isolation from the rest of the element set. Using verbal phrases in property labels and definitions and including the domains and ranges in definitions clarifies the direction of an RDF property, from its domain to its range, and from the subject of a data triple using the property to its object.

Methodology

Simple design patterns are applied to the RDA Toolkit text to create directional labels and definitions for the properties. The patterns are given in the main report.

The use of patterns allows machine-actionable synchronization between the text of the RDA Toolkit and the corresponding text of the RDA element sets.

Output

Table 4.I, Table 4.J, and Table 4.K give the labels and definitions for Appendix I, Appendix J, and Appendix K respectively.

Table 4.I: Directional RDF property labels and definitions for RDA relationship designators in Appendix I

URI	Label	Definition
abridger	has abridger	Relates an expression to a person, family, or corporate body contributing to an expression of a work by shortening or condensing the original work but leaving the nature and content of the original work substantially unchanged.
actor	has actor	Relates an expression to a performer contributing to an expression of a work by acting as a cast member or player in a musical or dramatic presentation, etc.
addressee	has addressee	Relates a work to a person, family, or corporate body to whom the work or part of the work is addressed.
animator	has animator	Relates an expression to a person, family, or corporate body contributing to an expression of a moving image work or computer program by giving apparent movement to inanimate objects or drawings.
annotator	has annotator	Relates an item to a person who makes manuscript annotations on an item.
appellant	has appellant	Relates a work to a person or corporate body who appeals a lower court's decision.
appellee	has appellee	Relates a work to a person or corporate body against whom an appeal is taken.
architect	has architect	Relates a work to a person, family, or corporate body responsible for creating an architectural design, including a pictorial representation intended to show how a building, etc., will look when completed.
arrangerOfMusic	has arranger of music	Relates an expression to a person, family, or corporate body contributing to an expression of a musical work by rewriting the composition for a medium of performance different from that for which the work was originally intended.
artDirector	has art director	Relates an expression to a person, family, or corporate body contributing to an expression of a work by overseeing the artists and craftspeople who build the sets for moving image productions.
artist	has artist	Relates a work to a person, family, or corporate body responsible for creating a work by conceiving, and often implementing, an original graphic design, drawing, painting, etc.
author	has author	Relates a work to a person, family, or corporate body responsible for creating a work that is primarily textual in content, regardless of media type (e.g., printed text, spoken word, electronic text, tactile text) or genre (e.g., poems, novels, screenplays, blogs).
autographer	has autographer	Relates an item to a person whose manuscript signature appears on an item.
binder	has binder	Relates an item to a person who binds an item.

bookDesigner	has book designer	Relates a manifestation to a person, family, or corporate body involved in manufacturing a manifestation by being responsible for the entire graphic design of a book, including arrangement of type and illustration, choice of materials, and process used.
brailleEmbosser	has braille embosser	Relates a manifestation to a person, family, or corporate body involved in manufacturing a manifestation by embossing braille cells using a stylus, special embossing printer, or other device.
broadcaster	has broadcaster	Relates a manifestation to a person, family, or corporate body involved in broadcasting a manifestation to an audience via radio, television, webcast, etc.
cartographer	has cartographer	Relates a work to a person, family, or corporate body responsible for creating a map, atlas, globe, or other cartographic work.
caster	has caster	Relates a manifestation to a person, family, or corporate body involved in manufacturing a manifestation by pouring a liquid or molten substance into a mold and leaving it to solidify to take the shape of the mold.
choreographer	has choreographer	Relates a work to a person, family, or corporate body responsible for creating a work of movement.
choreographerExpression	has choreographer (expression)	Relates an expression to a person, family, or corporate body contributing to an expression of a work by providing additional choreography, or by modifying the previous choreography.
collectionRegistrar	has collection registrar	Relates an item to a curator who lists or inventories the items in an aggregate work such as a collection of items or works.
collector	has collector	Relates an item to a curator who brings together items from various sources that are then arranged, described, and cataloged as a collection.
collotyper	has collotyper	Relates a manifestation to a person, family, or corporate body involved in manufacturing a manifestation of photographic prints from film or other colloid that has ink-receptive and ink-repellent surfaces.
commentator	has commentator	Relates an expression to a performer contributing to an expression of a work by providing interpretation, analysis, or a discussion of the subject matter on a recording, film, or other audiovisual medium.
compiler	has compiler	Relates a work to a person, family, or corporate body responsible for creating a new work (e.g., a bibliography, a directory) by selecting, arranging, aggregating, and editing data, information, etc.
composer	has composer	Relates a work to a person, family, or corporate body responsible for creating a musical work.
composerExpression	has composer (expression)	Relates an expression to a person, family, or corporate body contributing to an expression by adding music to a work that originally lacked it, by composing new music to substitute for the original music, or by composing new music to supplement the existing music.
conductor	has conductor	Relates an expression to a performer contributing to an expression of a musical work by leading a performing group (orchestra, chorus, opera, etc.) in a musical or dramatic presentation, etc.

consultant	has consultant	Relates a work to a person, family, or corporate body who provides consultation services, and often makes recommendations, for another person, family or corporate body that is represented as the creator of a work.
contributor	has contributor	Relates a expression to a person, family, or corporate body contributing to the realization of a work through an expression.
costumeDesigner	has costume designer	Relates an expression to a person, family, or corporate body contributing to an expression of a work by designing the costumes for a moving image production or for a musical or dramatic presentation or entertainment.
courtGoverned	has court governed	Relates a work to a court governed by court rules, regardless of their official nature (e.g., laws, administrative regulations).
courtReporter	has court reporter	Relates an expression to a person, family, or corporate body contributing to an expression of a work by preparing a court's opinions for publication.
creator	has creator	Relates a work to a person, family, or corporate body responsible for the creation of a work.
curator	has curator	Relates an item to a person, family, or corporate body conceiving, aggregating, and/or organizing an exhibition, collection, or other item.
currentOwner	has current owner	Relates an item to a person, family, or corporate body currently having legal possession of an item (i.e., a specific copy or instance of a resource).
custodian	has custodian	Relates a item to a person, family, or corporate body having legal custody of an item (i.e., a specific copy or instance of a resource).
dancer	has dancer	Relates an expression to a performer contributing to an expression of a work by dancing in a musical, dramatic, etc., presentation.
dedicatee	has dedicatee	Relates a work to a person, family, or corporate body to whom the work is dedicated.
dedicateeOfItem	has dedicatee of item	Relates an item to a person, family, or corporate body to whom an item is dedicated.
dedicator	has dedicator	Relates a work to a person, family, or corporate body by whom the work is dedicated.
defendant	has defendant	Relates a work to a person or corporate body who is accused in a criminal proceeding or sued in a civil proceeding.
degreeGrantingInstitution	has degree granting institution	Relates a work to a corporate body granting an academic degree.
degreeSupervisor	has degree supervisor	Relates a work to a person overseeing a higher-level academic degree.
depositor	has depositor	Relates an item to a current owner of an item who deposited the item into the custody of another person, family, or corporate body, while still retaining ownership.
designer	has designer	Relates a work to a person, family, or corporate body responsible for creating a design for an object.
director	has director	Relates a work to a person, family, or corporate body responsible for the general management and supervision of a filmed performance, a radio or television program, etc.

directorOfPhotography	has director of photography	Relates a work to a person, family, or corporate body that captures images, either electronically or on film or video stock, and often selects and arranges the lighting. the director of photography for a movie is also called the chief cinematographer.
distributor	has distributor	Relates a manifestation to a person, family, or corporate body responsible for distributing a resource.
donor	has donor	Relates an item to a former owner of an item who donated that item to another owner.
draftsman	has draftsman	Relates an expression to a person, family, or corporate body contributing to an expression of a work by an architect, inventor, etc., by making detailed plans or drawings for buildings, ships, aircraft, machines, objects, etc.
editor	has editor	Relates an expression to a person, family, or corporate body contributing to an expression of a work by revising or clarifying the content, e.g., adding an introduction, notes, or other critical matter.
editorOfCompilation	has editor of compilation	Relates an expression to a person, family, or corporate body contributing to an expression of a collective or aggregate work by selecting and putting together works, or parts of works, by one or more creators.
editorOfMovingImageWork	has editor of moving image work	Relates an expression to a person, family, or corporate body responsible for assembling, arranging, and trimming film, video, or other moving image formats, including both visual and audio aspects.
enactingJurisdiction	has enacting jurisdiction	Relates a work to a jurisdiction enacting a law, regulation, constitution, court rule, etc.
engraver	has engraver	Relates a manifestation to a person, family, or corporate body involved in manufacturing a manifestation by cutting letters, figures, etc., on a surface such as a wooden or metal plate used for printing.
etcher	has etcher	Relates a manifestation to a person, family, or corporate body involved in manufacturing a manifestation by subjecting metal, glass, or some other surface used for printing, to acid or another corrosive substance.
filmDirector	has film director	Relates a work to a director responsible for the general management and supervision of a filmed performance.
filmDistributor	has film distributor	Relates a manifestation to a person, family, or corporate body involved in distributing a moving image manifestation to theatres or other distribution channels.
filmmaker	has filmmaker	Relates a work to a person, family, or corporate body responsible for creating an independent or personal film. a filmmaker is individually responsible for the conception and execution of all aspects of the film.
filmProducer	has film producer	Relates a work to a producer responsible for most of the business aspects of a film.
formerOwner	has former owner	Relates an item to a person, family, or corporate body formerly having legal possession of an item (i.e., a specific copy or instance of a resource).
honouree	has honouree	Relates a work to a person, family, or corporate body honoured by a work (e.g., the honouree of a festschrift).

honoureeOfItem	has honouree of item	Relates an item to a person, family, or corporate body honoured by an item, e.g., a person to whom a copy is presented.
host	has host	Relates an expression to a performer contributing to an expression of a work by leading a program (often broadcast) that includes other guests, performers, etc. (e.g., talk show host).
host institution	has host institution	Relates a work to a corporate body hosting an event, exhibit, conference, etc., which gave rise to the work, but having little or no responsibility for the content of the work.
illuminator	has illuminator	Relates an item to a person providing decoration to a specific item using precious metals or color, often with elaborate designs and motifs.
illustrator	has illustrator	Relates an expression to a person, family, or corporate body contributing to an expression of a work by supplementing the primary content with drawings, diagrams, photographs, etc.
inscriber	has inscriber	Relates an item to a person who has written a statement of dedication or gift on an item.
instrumentalist	has instrumentalist	Relates an expression to a performer contributing to an expression of a work by playing a musical instrument.
interviewee	has interviewee	Relates a work to a person, family, or corporate body responsible for creating a work by responding to an interviewer, usually a reporter, pollster, or some other information gathering agent.
interviewee (expression)	has interviewee (expression)	Relates an expression to a person, family, or corporate body contributing to an expression of a work by responding to an interviewer, usually a reporter, pollster, or some other information gathering agent.
interviewer	has interviewer	Relates a work to a person, family, or corporate body responsible for creating a work by acting as an interviewer, reporter, pollster, or some other information gathering agent.
interviewer (expression)	has interviewer (expression)	Relates an expression to a person, family, or corporate body contributing to an expression of a work by acting as an interviewer, reporter, pollster, or some other information gathering agent.
inventor	has inventor	Relates a work to a person, family, or corporate body responsible for creating a new device or process.
issuing body	has issuing body	Relates a work to a person, family or corporate body issuing the work, such as an official organ of the body.
judge	has judge	Relates a work to a person who hears and decides on legal matters in court.
jurisdictionGoverned	has jurisdiction governed	Relates a work to a jurisdiction governed by a law, regulation, etc., that was enacted by another jurisdiction.
landscapeArchitect	has landscape architect	Relates a work to an architect responsible for creating landscape works.
librettist	has librettist	Relates a work to an author of the words of an opera or other musical stage work, or an oratorio.
lithographer	has lithographer	Relates a manifestation to a person, family, or corporate body involved in manufacturing a manifestation by preparing a stone or plate for lithographic printing, including a graphic artist creating a design directly on the surface from which printing will be done.

lyricist	has lyricist	Relates a work to an author of the words of a popular song, including a song or songs from a musical.
manufacturer	has manufacturer	Relates a manifestation to a person, family, or corporate body responsible for printing, duplicating, casting, etc., a resource in a published form.
moderator	has moderator	Relates an expression to a performer contributing to an expression of a work by leading a program (often broadcast) where topics are discussed, usually with participation of experts in fields related to the discussion.
musicalDirector	has musical director	Relates an expression to a person, family, or corporate body contributing to an expression of a work by coordinating the activities of the composer, the sound editor, and sound mixers for a moving image production or for a musical or dramatic presentation or entertainment.
narrator	has narrator	Relates an expression to a performer contributing to an expression of a work by reading or speaking in order to give an account of an act, occurrence, course of events, etc.
onScreenPresenter	has on-screen presenter	Relates an expression to a performer contributing to an expression of a work by appearing on screen to provide contextual or background information.
otherPFCItem	has other person, family, or corporate body associated with an item	Relates a item to a person, family, or corporate body other than an owner or custodian associated with an item.
otherPFCManifestation	has other person, family, or corporate body associated with a manifestation	Relates a manifestation to a person, family, or corporate body other than a producer, publisher, distributor or manufacturer associated with a manifestation.
otherPFCWork	has other person, family, or corporate body associated with a work	Relates a work to a person, family, or corporate body associated with a work other than as a creator.
owner	has owner	Relates a item to a person, family, or corporate body having legal possession of an item (i.e., a specific copy or instance of a resource).
panelist	has panelist	Relates an expression to a performer contributing to an expression of a work by participating in a program (often broadcast) where topics are discussed, usually with participation of experts in fields related to the discussion.
performer	has performer	Relates an expression to a person, family, or corporate body contributing to an expression of a work by performing music, acting, dancing, speaking, etc., often in a musical or dramatic presentation, etc.
photographer	has photographer	Relates a work to a person, family, or corporate body responsible for creating a photographic work.
plaintiff	has plaintiff	Relates a work to a person or corporate body who brings a suit in a civil proceeding.
platemaker	has platemaker	Relates a manifestation to a person, family, or corporate body involved in manufacturing a manifestation by preparing plates used in the production of printed images and/or text.

praeses	has praeses	Relates a work to a person who is the faculty moderator of an academic disputation, normally proposing a thesis and participating in the ensuing disputation.
presenter	has presenter	Relates an expression to a person, family, or corporate body mentioned in an "x presents" credit for moving image materials and who is probably associated with production, finance, or distribution in some way.
printer	has printer	Relates a manifestation to a person, family, or corporate body involved in manufacturing a manifestation of printed text, notated music, etc., from type or plates, such as a book, newspaper, magazine, broadside, score, etc.
printmaker	has printmaker	Relates a manifestation to a person, family, or corporate body involved in manufacturing a manifestation by making a relief, intaglio, or planographic printing surface.
producer	has producer	Relates a work to a person, family, or corporate body responsible for most of the business aspects of a production for screen, sound recording, television, webcast, etc. the producer is generally responsible for fund raising, managing the production, hiring key personnel, arranging for distributors, etc.
producerOfAnUnpublishedResource	has producer of an unpublished resource	Relates a manifestation to a person, family, or corporate body responsible for inscribing, fabricating, constructing, etc., a resource in an unpublished form.
productionCompany	has production company	Relates a work to a corporate body that is responsible for financial, technical, and organizational management of a production for stage, screen, sound recording, television, webcast, etc.
productionDesigner	has production designer	Relates an expression to a person, family, or corporate body responsible for designing the overall visual appearance of a moving image production.
programmer	has programmer	Relates a work to a person, family, or corporate body responsible for creating a computer program.
publisher	has publisher	Relates a manifestation to a person, family, or corporate body responsible for publishing, releasing, or issuing a resource.
puppeteer	has puppeteer	Relates an expression to a performer contributing to an expression of a work by manipulating, controlling, or directing puppets or marionettes in a moving image production or a musical or dramatic presentation or entertainment.
radioDirector	has radio director	Relates a work to a director responsible for the general management and supervision of a radio program.
radioProducer	has radio producer	Relates a work to a producer responsible for most of the business aspects of a radio program.
recordingEngineer	has recording engineer	Relates an expression to a person, family, or corporate body contributing to an expression of a work by supervising the technical aspects of a sound or video recording session.
recordist	has recordist	Relates an expression to a person, family, or corporate body contributing to an expression of a work by using a recording device to capture sound and/or video during a recording session, including field recordings of natural sounds, folkloric events, music, etc.
respondent	has respondent	Relates a work to a candidate for a degree who defends or opposes a thesis provided by the praeses in an academic disputation.

restorationist	has restorationist	Relates an item to a person, family, or corporate body responsible for the set of technical, editorial, and intellectual procedures aimed at compensating for the degradation of an item by bringing it back to a state as close as possible to its original condition.
screenwriter	has screenwriter	Relates a work to an author of a screenplay, script, or scene.
sculptor	has sculptor	Relates a work to an artist responsible for creating a three-dimensional work by modeling, carving, or similar technique.
seller	has seller	Relates an item to a former owner of an item who sold that item to another owner.
singer	has singer	Relates an expression to a performer contributing to an expression of a work by using his/her/their voice, with or without instrumental accompaniment, to produce music. a singer's performance may or may not include actual words.
speaker	has speaker	Relates an expression to a type of performer contributing to an expression of a work by speaking words, such as a lecture, speech, etc.
sponsoringBody	has sponsoring body	Relates a work to a person, family, or corporate body sponsoring some aspect of the work, e.g., funding research, sponsoring an event.
stageDirector	has stage director	Relates an expression to a person, family, or corporate body contributing to an expression of a stage work through the general management and supervision of a performance.
storyteller	has storyteller	Relates an expression to a performer contributing to an expression of a work by relaying a creator's original story with dramatic or theatrical interpretation.
surveyor	has surveyor	Relates an expression to a person, family, or corporate body contributing to an expression of a cartographic work by providing measurements or dimensional relationships for the geographic area represented.
teacher	has teacher	Relates an expression to a performer contributing to an expression of a work by giving instruction or providing a demonstration.
televisionDirector	has television director	Relates a work to a director responsible for the general management and supervision of a television program.
televisionProducer	has television producer	Relates a work to a producer responsible for most of the business aspects of a television program.
transcriber	has transcriber	Relates an expression to a person, family, or corporate body contributing to an expression of a work by changing it from one system of notation to another.
translator	has translator	Relates an expression to a person, family, or corporate body contributing to an expression of a work by expressing the original text of the work in a language different from that of the original work.
voiceActor	has voice actor	Relates an expression to a performer contributing to an expression of a work by providing the voice for characters in radio and audio productions and for animated characters in moving image works, as well as by providing voice-overs in radio and television commercials, dubbed resources, etc.
writerOfAddedComm entary	has writer of added commentary	Relates an expression to a person, family, or corporate body contributing to an expression of a work by providing an interpretation or critical explanation of the original work.

writerOfAddedLyrics	has writer of added lyrics	Relates an expression to a writer of words added to an expression of a musical work.
writerOfAddedText	has writer of added text	Relates an expression to a person, family, or corporate body contributing to an expression of a primarily non-textual work by providing text for the non-textual work (e.g., writing captions for photographs, descriptions of maps).
writerOfIntroduction	has writer of introduction	Relates an expression to a person, family, or corporate body contributing to an expression of a work by providing an introduction to the original work.
writerOfPreface	has writer of preface	Relates an expression to a person, family, or corporate body contributing to an expression of a work by providing a preface to the original work.
writerOfSupplementaryTextualContent	has writer of supplementary textual content	Relates an expression to a person, family, or corporate body contributing to an expression of a work by providing supplementary textual content (e.g., an appendix, an introduction, a preface) to the original work.

Table 4.J: Directional RDF property labels and definitions for RDA relationship designators in Appendix J

URI	Label	Definition
abridgedAsExpression	is abridged as (expression)	Relates an expression to an expression of a work that shortens the source entity without changing the general meaning or manner of presentation.
abridgedAsWork	is abridged as (work)	Relates a work to a work that shortens the source work without changing the general meaning or manner of presentation.
abridgementOfExpression	is abridgement of (expression)	Relates an expression to an expression of a work that has been abridged, i.e., shortened without changing the general meaning or manner of presentation of the source work.
abridgementOfWork	is abridgement of (work)	Relates a work to a work that has been abridged, i.e., shortened without changing the general meaning or manner of presentation of the source work.
absorbedByExpression	is absorbed by (expression)	Relates an expression to an expression of a work that incorporates another entity.
absorbedByWork	is absorbed by (work)	Relates a work to a work that incorporates another work.
absorbedExpression	is absorbed (expression)	Relates an expression to an expression of a work that has been incorporated into another entity.
absorbedInPartByExpression	is absorbed in part by (expression)	Relates an expression to an expression of a work that incorporates part of the content of another entity.
absorbedInPartByWork	is absorbed in part by (work)	Relates a work to a work that incorporates part of the content of another work.
absorbedInPartExpression	is absorbed in part (expression)	Relates an expression to an expression of a work that has been partially incorporated into another entity.
absorbedInPartWork	is absorbed in part (work)	Relates a work to the work that has been partially incorporated into another work.
absorbedWork	is absorbed (work)	Relates a work to the work that has been incorporated into another work.
abstractedInExpression	is abstracted in (expression)	Relates an expression to an expression of a work (an abstracting and indexing service) that abstracts the contents of a source entity.
abstractedInWork	is abstracted in (work)	Relates a work to a work (an abstracting and indexing service) that abstracts the contents of a source entity.
abstractExpression	is abstract (expression)	Relates an expression to an expression of a work that abbreviates the source entity in a brief, objective manner.
abstractOfExpression	is abstract of (expression)	Relates an expression to an expression of a work that has been abstracted, i.e., abbreviated in a brief, objective manner.
abstractOfWork	is abstract of (work)	Relates a work to a work that has been abstracted, i.e., abbreviated in a brief, objective manner.

abstractsForExpression	is abstracts for (expression)	Relates an expression to an expression of a work whose contents have been abstracted by an abstracting and indexing service.
abstractsForWork	is abstracts for (work)	Relates a work to a work whose contents have been abstracted by an abstracting and indexing service.
abstractWork	is abstract (work)	Relates a work to a work that abbreviates the source work in a brief, objective manner.
accompaniedByItem	is accompanied by (item)	Relates an item to an item brought together with another item after being issued.
accompaniedByManifestation	is accompanied by (manifestation)	Relates a manifestation to a manifestation issued with another manifestation, without any relationship to its content.
accompanyingExpression	has accompanying expression	
accompanyingItem	has accompanying item	
accompanyingManifestation	has accompanying manifestation	
accompanyingWork	has accompanying work	
adaptationOfExpression	is adaptation of (expression)	Relates an expression to an expression of a work that modifies the source entity for a purpose, use, or medium other than that for which it was originally intended.
adaptationOfWork	is adaptation of (work)	Relates a work to a work that has been modified for a purpose, use, or medium other than that for which it was originally intended.
adaptedAsAMotionPictureExpression	is adapted as a motion picture (expression)	Relates an expression to a motion picture based on the source entity.
adaptedAsAMotionPictureScreenplayExpression	is adapted as a motion picture screenplay (expression)	Relates an expression to an expression of a work consisting of the screenplay for a motion picture, based on the source work.
adaptedAsAMotionPictureScreenplayWork	is adapted as a motion picture screenplay (work)	Relates a work to a work consisting of the screenplay for a motion picture, based on the source work.
adaptedAsAMotionPictureWork	is adapted as a motion picture (work)	Relates a work to a motion picture based on the source work.
adaptedAsARadioProgramExpression	is adapted as a radio program (expression)	Relates an expression to a radio program based on the source entity.
adaptedAsARadioProgramWork	is adapted as a radio program (work)	Relates a work to a radio program based on the source work.
adaptedAsARadioScriptExpression	is adapted as a radio script (expression)	Relates an expression to an expression of a work consisting of the script for a radio program, based on the source work.
adaptedAsARadioScriptWork	is adapted as a radio script (work)	Relates a work to a work consisting of the script for a radio program, based on the source work.
adaptedAsAScreenplayExpression	is adapted as a screenplay (expression)	Relates an expression to an expression of a work consisting of the screenplay for a motion picture, television program, or video, based on the source work.
adaptedAsAScreenplayWork	is adapted as a screenplay (work)	Relates a work to a work consisting of the screenplay for a motion picture, television program, or video, based on the source work.

adaptedAsATelevisionProgramExpression	is adapted as a television program (expression)	Relates an expression to a television program based on the source entity.
adaptedAsATelevisionProgramWork	is adapted as a television program (work)	Relates a work to a television program based on the source work.
adaptedAsATelevisionScreenplayExpression	is adapted as a television screenplay (expression)	Relates an expression to an expression of a work consisting of the screenplay for a television program, based on the source work.
adaptedAsATelevisionScreenplayWork	is adapted as a television screenplay (work)	Relates a work to a work consisting of the screenplay for a television program, based on the source work.
adaptedAsAVideoProgramExpression	is adapted as a video (expression)	Relates an expression to a video based on the source entity.
adaptedAsAVideoScreenplayExpression	is adapted as a video screenplay (expression)	Relates an expression to an expression of a work consisting of the screenplay for a video, based on the source work.
adaptedAsAVideoScreenplayWork	is adapted as a video screenplay (work)	Relates a work to a work consisting of the screenplay for a video, based on the source work.
adaptedAsAVideoWork	is adapted as a video (work)	Relates a work to a video based on the source work.
adaptedAsExpression	is adapted as (expression)	Relates an expression to an expression of a work that modifies the source entity for a purpose, use, or medium other than that for which it was originally intended.
adaptedAsWork	is adapted as (work)	Relates a work to a work that modifies the source work for a purpose, use, or medium other than that for which it was originally intended.
addendaExpression	is addenda (expression)	Relates an expression to an expression of a work that consists of brief additional material, less extensive than a supplement, but essential to the completeness of the text of the predominant work; it is usually added at the end of the content, but is sometimes issued separately.
addendaToExpression	is addenda to (expression)	Relates an expression to an expression of a work to which is added brief additional material, less extensive than a supplement, but essential to the completeness of the content of the work; it is usually added at the end of the content but is sometimes issued separately from it.
addendaToWork	is addenda to (work)	Relates a work to a work to which is added brief additional material, less extensive than a supplement, but essential to the completeness of the content of the work; it is usually added at the end of the work, but is sometimes issued separately.
addendaWork	is addenda (work)	Relates a work to a work that consists of brief additional material, less extensive than a supplement, but essential to the completeness of the text of the predominant work; it is usually added at the end of the content, but is sometimes issued separately.

alsoIssuedAs	is also issued as	Relates a manifestation to a manifestation issued in a different format embodying the same expression of a work as the resource being described.
analysedInExpression	is analysed in (expression)	Relates an expression to an expression of a work that examines the source entity to identify its components and their relations.
analysedInWork	is analysed in (work)	Relates a work to a work that examines the source work to identify its components and their relations.
analysisOfExpression	is analysis of (expression)	Relates an expression to an expression of a work that has been examined to identify its components and their relations.
analysisOfItem	is analysis of (item)	Relates an item to an item that has been examined to identify its components and their relations.
analysisOfManifestation	is analysis of (manifestation)	Relates a manifestation to a manifestation that has been examined to identify its components and their relations.
analysisOfWork	is analysis of (work)	Relates a work to a work that has been examined to identify its components and their relations.
appendixExpression	is appendix (expression)	Relates an expression to an expression of a work that forms an augmenting part of another work which is not essential to the completeness of the content, such as a list of references, statistical tables, and explanatory matter; it can be material which either comes at the end of the content of the predominant work, or is issued separately.
appendixToExpression	is appendix to (expression)	Relates an expression to an expression of a predominant work that is augmented by another work that consists of material that is not essential to the completeness of the content, such as a list of references, statistical tables, and explanatory matter; the augmenting work can either come at the end of the content, or be issued separately.
appendixToWork	is appendix to (work)	Relates a work to a work that is augmented by another work that consists of material that is not essential to the completeness of the content, such as a list of references, statistical tables, and explanatory matter; the augmenting work can either come at the end of the content, or be issued separately.
appendixWork	is appendix (work)	Relates a work to a work that forms an augmenting part of another work which is not essential to the completeness of the content, such as a list of references, statistical tables, and explanatory matter; it can either be material which comes at the end of the content of the predominant work, or be issued separately.
augmentationOfExpression	is augmentation of (expression)	Relates an expression to an expression of a work whose content is added to by another entity.
augmentationOfWork	is augmentation of (work)	Relates a work to a work whose content is added to by another work.

augmentedByExpression	is augmented by (expression)	Relates an expression to an expression of a work that adds to the content of a predominant entity.
augmentedByWork	is augmented by (work)	Relates a work to a work that adds to the content of a predominant work.
basedOnExpression	is based on (expression)	Relates an expression to an expression used as the basis for a derivative entity.
basedOnWork	is based on (work)	Relates a work to a work used as the source for a derivative work.
basisForLibrettoExpression	is basis for libretto (expression)	Relates an expression to an expression of a work that consists of the text of an opera or other work for the musical stage, or an oratorio, based on the source work.
basisForLibrettoWork	is basis for libretto (work)	Relates a work to a work that consists of the text of an opera or other work for the musical stage, or an oratorio, based on the source work.
boundWith	is bound with	Relates an item to an item that has been bound within the same binding as the item being described.
cadenzaComposedForExpression	is cadenza composed for (expression)	Relates an expression to an expression of a musical work such as a concerto for which an ornamental passage for a soloist has been composed, either by the same or a different composer.
cadenzaComposedForWork	is cadenza composed for (work)	Relates a work to a musical work such as a concerto for which an ornamental passage for a soloist has been composed, either by the same or a different composer.
cadenzaExpression	is cadenza (expression)	Relates an expression to an expression of a musical work consisting of an ornamental passage for a soloist, added to a musical work such as a concerto, either by the same or a different composer.
cadenzaWork	is cadenza (work)	Relates a work to a musical work consisting of an ornamental passage for a soloist, added to a musical work such as a concerto, either by the same or a different composer.
catalogueExpression	is catalogue (expression)	Relates an expression to an expression of a work that consists of a complete enumeration of items arranged systematically.
catalogueOfExpression	is catalogue of (expression)	Relates an expression to an expression of a work used as the basis for a catalogue, i.e., a complete enumeration of items arranged systematically.
catalogueOfWork	is catalogue of (work)	Relates a work to a work used as the basis for a catalogue, i.e., a complete enumeration of items arranged systematically.
catalogueWork	is catalogue (work)	Relates a work to a work that consists of a complete enumeration of items arranged systematically.
choreographyExpression	is choreography (expression)	Relates an expression to an expression of a work consisting of dance based on the source work.
choreographyForExpression	is choreography for (expression)	Relates an expression to an expression of a work used as the basis for a derivative work consisting of dance.

choreographyForWork	is choreography for (work)	Relates a work to a work used as the basis for a derivative work consisting of dance.
choreographyWork	is choreography (work)	Relates a work to a work consisting of dance based on the source work.
commentaryInExpression	is commentary in (expression)	Relates an expression to an expression of a work that contains a set of explanatory or critical notes on the described entity.
commentaryInWork	is commentary in (work)	Relates a work to a work that contains a set of explanatory or critical notes on the described entity.
commentaryOnExpression	is commentary on (expression)	Relates an expression to an expression of a work used as the basis for a set of explanatory or critical notes.
commentaryOnItem	is commentary on (item)	Relates an item to an item used as the basis for a set of explanatory or critical notes.
commentaryOnManifestation	is commentary on (manifestation)	Relates a manifestation to a manifestation used as the basis for a set of explanatory or critical notes.
commentaryOnWork	is commentary on (work)	Relates a work to a work used as the basis for a set of explanatory or critical notes.
complementedByExpression	is complemented by (expression)	Relates an expression to an expression of a work paired with another entity without either entity being considered to predominate.
complementedByWork	is complemented by (work)	Relates a work to a work paired with another work without either work being considered to predominate.
concordanceExpression	is concordance (expression)	Relates an expression to an expression of a work that consists of an index of all the words in the predominant entity.
concordanceToExpression	is concordance to (expression)	Relates an expression to an expression of a work used as the basis for a concordance, i.e., an index of all the words in the predominant entity.
concordanceToWork	is concordance to (work)	Relates a work to a work used as the basis for a concordance, i.e. an index of all the words in the predominant work.
concordanceWork	is concordance (work)	Relates a work to a work that consists of an index of all the words in the predominant work.
containedInExpression	is contained in (expression)	Relates an expression to an expression of a larger work of which a part is a discrete component.
containedInItem	is contained in (item)	Relates an item to a larger item of which a part is a discrete component.
containedInManifestation	is contained in (manifestation)	Relates a manifestation to a larger manifestation of which a part is a discrete component.
containedInWork	is contained in (work)	Relates a work to a larger work of which a part is a discrete component.
containsExpression	is contains (expression)	Relates an expression to an expression of a work that is a discrete component of a larger entity.
containsFacsimileOfManifestation	is contains facsimile of (manifestation)	Relates a manifestation to a manifestation used as the basis for an exact reproduction that is a discrete component of a larger entity.
containsItem	is contains (item)	Relates an item to an item that is a discrete component of a larger item.
containsManifestation	is contains (manifestation)	Relates a manifestation to a manifestation that is a discrete component of a larger entity.

containsWork	is contains (work)	Relates a work to a work that is a discrete component of a larger work.
continuedByExpression	is continued by (expression)	Relates an expression to an expression of a work whose content continues an earlier entity under a new title.
continuedByWork	is continued by (work)	Relates a work to a work whose content continues an earlier work under a new title.
continuedInPartByExpression	is continued in part by (expression)	Relates an expression to an expression of a work part of whose content separated from an earlier entity to form a new entity.
continuedInPartByWork	is continued in part by (work)	Relates a work to a work part of whose content separated from an earlier work to form a new work.
continuesExpression	is continues (expression)	Relates an expression to an expression of a work that is continued by the content of a later entity under a new title.
continuesInPartExpression	is continues in part (expression)	Relates an expression to an expression of a work that split into two or more separate entities with new titles.
continuesInPartWork	is continues in part (work)	Relates a work to a work that split into two or more separate works with new titles.
continuesWork	is continues (work)	Relates a work to the work that is continued by the content of a later work under a new title.
critiquedInExpression	is critiqued in (expression)	Relates an expression to an expression of a work contains a critical evaluation of the described entity.
critiquedInWork	is critiqued in (work)	Relates a work to a work that contains a critical evaluation of the described entity.
critiqueOfExpression	is critique of (expression)	Relates an expression to an expression of a work used as the basis for a critical evaluation.
critiqueOfItem	is critique of (item)	Relates an item to an item used as the basis for a critical evaluation.
critiqueOfManifestation	is critique of (manifestation)	Relates a manifestation to a manifestation used as the basis for a critical evaluation.
critiqueOfWork	is critique of (work)	Relates a work to a work used as the basis for a critical evaluation.
derivativeExpression	is derivative expression	Relates an expression to an expression that is a modification of a source entity.
derivativeExpression	has derivative expression	
derivativeWork	is derivative work	Relates a work to a work that is a modification of a source work.
derivativeWork	has derivative work	
describedInExpression	is described in (expression)	Relates an expression to an expression that describes a described entity.
describedInWork	is described in (work)	Relates a work to a work that describes a described entity.
descriptionOfExpression	is description of (expression)	Relates an expression to an expression described by a describing entity.
descriptionOfItem	is description of (item)	Relates an item to an item described by a describing entity.
descriptionOfManifestation	is description of (manifestation)	Relates a manifestation to a manifestation described by a describing entity.

descriptionOfWork	is description of (work)	Relates a work to a work described by a describing entity.
descriptiveExpression	has descriptive expression	
descriptiveItem	has descriptive item	
descriptiveManifestation	has descriptive manifestation	
descriptiveWork	has descriptive work	
digestExpression	is digest (expression)	Relates an expression to an expression of a work that systematically and comprehensively condenses the source entity.
digestOfExpression	is digest of (expression)	Relates an expression to an expression of a work that has been digested, i.e., systematically and comprehensively condensed.
digestOfWork	is digest of (work)	Relates a work to a work that has been digested, i.e., systematically and comprehensively condensed.
digestWork	is digest (work)	Relates a work to a work that systematically and comprehensively condenses the source work.
digitalTransfer	is digital transfer	Relates a manifestation to a manifestation resulting from the transfer of a resource from one digital format to another.
digitalTransferManifestation	is digital transfer of (manifestation)	Relates a manifestation to a manifestation transferred from one digital format to another.
digitalTransferOfItem	is digital transfer of (item)	Relates an item to an item transferred from one digital format to another.
dramatizationOfExpression	is dramatization of (expression)	Relates an expression to an expression of a work that has been adapted as a drama.
dramatizationOfWork	is dramatization of (work)	Relates a work to a work that has been adapted as a drama.
dramatizedAsExpression	is dramatized as (expression)	Relates an expression to an expression of a dramatic work adapted from the source entity.
dramatizedAsWork	is dramatized as (work)	Relates a work to a dramatic work adapted from the source work.
dubbedVersion	is dubbed version	Relates an expression to an expression of a moving image work that translates the spoken dialogue of the original work into a different language.
dubbedVersionOf	is dubbed version of	Relates an expression to an expression of a moving image work in which the spoken dialogue has been translated into a language different from that of the original work.
electronicReproduction	is electronic reproduction	Relates a manifestation to a digital manifestation resulting from the reproduction of an analog manifestation.
electronicReproductionOfItem	is electronic reproduction of (item)	Relates an item to an analog item used as the basis for an electronic reproduction.
electronicReproductionOfManifestation	is electronic reproduction of (manifestation)	Relates a manifestation to an analog manifestation used as the basis for an electronic reproduction.
equivalentItem	is equivalent item	Relates an item to an item embodying the same expression of a work.
equivalentItem	has equivalent item	
equivalentManifestation	is equivalent manifestation	Relates a manifestation to a manifestation embodying the same expression of a work.

equivalentManifestation	has equivalent manifestation	
errataExpression	is errata (expression)	Relates an expression to an expression of a work consisting of errors discovered after the publication of the predominant work, with their corrections.
errataToExpression	is errata to (expression)	Relates an expression to an expression of a work that is augmented by a list of errors in the predominant work, discovered after publication, with their corrections.
errataToWork	is errata to (work)	Relates a work to a work that is augmented by a list of errors in the predominant work, discovered after publication, with their corrections.
errataWork	is errata (work)	Relates a work to a work consisting of errors discovered after the publication of the predominant work, with their corrections.
evaluatedInExpression	is evaluated in (expression)	Relates an expression to an expression of a work that examines or judges the described entity.
evaluatedInWork	is evaluated in (work)	Relates a work to a work that examines or judges the source work.
evaluationOfExpression	is evaluation of (expression)	Relates an expression to an expression of a work that is examined or judged.
evaluationOfItem	is evaluation of (item)	Relates an item to an item that is examined or judged.
evaluationOfManifestation	is evaluation of (manifestation)	Relates a manifestation to a manifestation that is examined or judged.
evaluationOfWork	is evaluation of (work)	Relates a work to a work that is examined or judged.
exemplarOfManifestation	has exemplar of manifestation	Relates a manifestation to a single exemplar or instance of a manifestation.
expandedAsExpression	is expanded as (expression)	Relates an expression to an expression of a work that enlarges upon the content of the source work.
expandedAsWork	is expanded as (work)	Relates a work to a work that enlarges upon the content of the source work.
expandedVersionOfExpression	is expanded version of (expression)	Relates an expression to an expression of a work used as the basis for a derivative work that enlarges upon the content of the source work.
expandedVersionOfWork	is expanded version of (work)	Relates a work to a work used as the basis for a derivative work that enlarges upon the content of the source work.
expressionManifested	has expression manifested	Relates a manifestation to an expression embodied in a manifestation.
expressionOfAWork	has expression of a work	Relates a work to a realization of a work in the form of alpha-numeric, musical or choreographic notation, sound, image, object, movement, etc., or any combination of such forms.
facsimile	is facsimile	Relates a manifestation to a manifestation that exactly reproduces another manifestation embodying the same expression of a work.
facsimileContainedInManifestation	is facsimile contained in (manifestation)	Relates a manifestation to a larger manifestation of which a part is a discrete component that exactly reproduces another manifestation embodying the same expression of a work.

facsimileOfItem	is facsimile of (item)	Relates an item to a particular item used as the basis for an exact reproduction.
facsimileOfManifestation	is facsimile of (manifestation)	Relates a manifestation to a manifestation used as the basis for an exact reproduction.
filmedWithItem	is filmed with (item)	Relates an item to an item that is contained on the same microform with the item being described.
filmedWithManifestation	is filmed with (manifestation)	Relates a manifestation to a manifestation that is issued on the same microform with the manifestation being described.
findingAidExpression	is finding aid (expression)	Relates an expression to an expression of a work that provides a guide to the organization, arrangement, and contents of an archival collection.
findingAidForExpression	is finding aid for (expression)	Relates an expression to an expression of an archival collection used as the basis for a finding aid, i.e., a guide to the organization, arrangement, and contents of the collection.
findingAidForWork	is finding aid for (work)	Relates a work to an archival collection that is described in a finding aid, i.e., a guide to the organization, arrangement, and contents of the collection.
findingAidWork	is finding aid (work)	Relates a work to a work that provides a guide to the organization, arrangement, and contents of an archival collection.
freelyTranslatedAsExpression	is freely translated as (expression)	Relates an expression to an expression of a work that freely translates the text into another language, preserving the spirit of the original, but not its linguistic details.
freelyTranslatedAsWork	is freely translated as (work)	Relates a work to a work created by freely translating the source work into another language, preserving the spirit of the original, but not its linguistic details.
freeTranslationOfExpression	is free translation of (expression)	Relates an expression to an expression of a work that has been translated freely, preserving the spirit of the original, but not its linguistic details.
freeTranslationOfWork	is free translation of (work)	Relates a work to a work that has been translated freely, preserving the spirit of the original, but not its linguistic details.
guideExpression	is guide (expression)	Relates an expression to an expression of a work that guides a user through the use of the predominant work, using notes, learning and study aids, exercises, problems, questions and answers, instructor or student materials, etc.
guideToExpression	is guide to (expression)	Relates an expression to an expression of a work that is augmented by another work consisting of material to help the user of the predominant work, such as notes, learning and study aids, exercises, problems, questions and answers, instructor or student materials, etc.

guideToWork	is guide to (work)	Relates a work to a work that is augmented by another work consisting of material to help the user of the predominant work, such as notes, learning and study aids, exercises, problems, questions and answers, instructor or student materials, etc.
guideWork	is guide (work)	Relates a work to a work that guides a user through the use of the predominant work, using notes, learning and study aids, exercises, problems, questions and answers, instructor or student materials, etc.
illustrationsExpression	is illustrations (expression)	Relates an expression to an expression of a work consisting of pictorial content designed to explain or decorate the augmented entity.
illustrationsForExpression	is illustrations for (expression)	Relates an expression to an expression of a work that is augmented by pictorial content designed to explain or decorate it.
illustrationsForWork	is illustrations for (work)	Relates a work to a work that is augmented by pictorial content designed to explain or decorate it.
illustrationsWork	is illustrations (work)	Relates a work to a work consisting of pictorial content designed to explain or decorate the augmented work.
imitatedAsExpression	is imitated as (expression)	Relates an expression to an expression of a work that copies the style or content of the source work.
imitatedAsWork	is imitated as (work)	Relates a work to a work that copies the style or content of the source work.
imitationOfExpression	is imitation of (expression)	Relates an expression to an expression of a work whose style or content is copied in a derivative work.
imitationOfWork	is imitation of (work)	Relates a work to a work whose style or content is copied in a derivative work.
indexedInExpression	is indexed in (expression)	Relates an expression to an expression of a work (an abstracting and indexing service) that indexes the contents of a source entity.
indexedInWork	is indexed in (work)	Relates a work to a work (an abstracting and indexing service) that indexes the contents of the source work.
indexExpression	is index (expression)	Relates an expression to an expression of a work that provides a systematic, alphabetical guide to the contents of the predominant entity, usually keyed to page numbers or other reference codes.
indexingForExpression	is indexing for (expression)	Relates an expression to an expression of a work whose contents have been indexed by an abstracting and indexing service.
indexingForWork	is indexing for (work)	Relates a work to a work whose contents have been indexed by an abstracting and indexing service.
indexToExpression	is index to (expression)	Relates an expression to an expression of a work used as the basis for an index, i.e., a systematic, alphabetical guide to the contents of the predominant entity, usually keyed to page numbers or other reference codes.

indexToWork	is index to (work)	Relates a work to a work used as the basis for an index, i.e., a systematic, alphabetical guide to the contents of the predominant work, usually keyed to page numbers or other reference codes.
indexWork	is index (work)	Relates a work to a work that provides a systematic, alphabetical guide to the contents of the predominant work, usually keyed to page numbers or other reference codes.
inSeriesWork	is in series (work)	Relates a work to a work in which the part has been issued; the title of the larger work appears on the part.
insert	is insert	Relates a manifestation to a manifestation consisting of separately issued material that is not an integral part of the larger manifestation into which it has been inserted.
insertedIn	is inserted in	Relates a manifestation to a manifestation into which material has been inserted that is not an integral part of the publication.
issuedWith	is issued with	Relates a manifestation to a manifestation that is issued on the same carrier as the manifestation being described.
librettoBasedOnExpression	is libretto based on (expression)	Relates an expression to an expression of a work used as the basis for the text of an opera or other work for the musical stage, or an oratorio.
librettoBasedOnWork	is libretto based on (work)	Relates a work to a work used as the basis for the text of an opera or other work for the musical stage, or an oratorio.
librettoExpression	is libretto (expression)	Relates an expression to an expression of a work that provides the text of an opera or other work for the musical stage, or an oratorio.
librettoForExpression	is libretto for (expression)	Relates an expression to an expression of a musical work such as an opera or other work for the musical stage, or an oratorio, that uses the text of the related work.
librettoForWork	is libretto for (work)	Relates a work to a musical work such as an opera or other work for the musical stage, or an oratorio, that uses the text of the related work as a libretto.
librettoWork	is libretto (work)	Relates a work to a work that provides the text of an opera or other work for the musical stage, or an oratorio.
manifestationExemplified	has manifestation exemplified	Relates an item to the manifestation exemplified by an item.
manifestationOfAWork	has manifestation of a work	Relates a work to a physical embodiment of an expression of a work.
manifestationOfExpression	has manifestation of expression	Relates an expression to a physical embodiment of an expression.
mergedWithToFormExpression	is merged with … to form … (expression)	Relates an expression to one of two or more expressions of works that come together to form a new entity.
mergedWithToFormWork	is merged with … to form … (work)	Relates a work to one of two or more works that come together to form a new work.

mergerOfExpression	is merger of (expression)	Relates an expression to an expression of one of two or more works which came together to form a new entity.
mergerOfWork	is merger of (work)	Relates a work to one of two or more works which came together to form a new work.
mirrorSite	is mirror site	Relates a manifestation to a manifestation of a web site that is an exact copy, used to reduce network traffic or improve the availability of the original site.
motionPictureAdaptationOfExpression	is motion picture adaptation of (expression)	Relates an expression to an expression of a work that has been adapted as a motion picture.
motionPictureAdaptationOfWork	is motion picture adaptation of (work)	Relates a work to a work that has been adapted as a motion picture.
motionPictureScreenplayBasedOnExpression	is motion picture screenplay based on (expression)	Relates an expression to an expression of a work that has been adapted as the screenplay for a motion picture.
motionPictureScreenplayBasedOnWork	is motion picture screenplay based on (work)	Relates a work to a work that has been adapted as the screenplay for a motion picture.
motionPictureScreenplayExpression	is motion picture screenplay (expression)	Relates an expression to an expression of a work that provides the text for a motion picture.
motionPictureScreenplayWork	is motion picture screenplay (work)	Relates a work to a work that provides the text for a motion picture.
musicalArrangement	is musical arrangement	Relates an expression to an expression of a work that rewrites the source entity for a medium of performance different from that for which the work was originally intended.
musicalArrangementOf	is musical arrangement of	Relates an expression to an expression of a work that has been rewritten for a medium of performance different from that for which the work was originally intended.
musicalSettingExpression	is musical setting (expression)	Relates an expression to an expression of a non-dramatic musical work, other than an oratorio, that uses the text of the source work.
musicalSettingOfExpression	is musical setting of (expression)	Relates an expression to an expression of a work that provides the text for a non-dramatic musical work, other than an oratorio.
musicalSettingOfWork	is musical setting of (work)	Relates a work to a work that provides the text for a non-dramatic musical work, other than an oratorio.
musicalSettingWork	is musical setting (work)	Relates a work to a non-dramatic musical work, other than an oratorio, that uses the text of the source work.
musicalVariationsBasedOnExpression	is musical variations based on (expression)	Relates an expression to an expression of a musical work from which melodic, thematic, or harmonic material is taken to form a discrete theme, which is repeated one or more times with subsequent modifications.
musicalVariationsBasedOnWork	is musical variations based on (work)	Relates a work to a musical work from which melodic, thematic, or harmonic material is taken to form a discrete theme, which is repeated one or more times with subsequent modifications.

musicalVariationsExpression	is musical variations (expression)	Relates an expression to an expression of a musical work in which melodic, thematic, or harmonic material from the source work is taken to form a discrete theme, which is repeated one or more times with subsequent modifications.
musicalVariationsWork	is musical variations (work)	Relates a work to a musical work in which melodic, thematic, or harmonic material is taken from the source work to form a discrete theme, which is repeated one or more times with subsequent modifications.
novelizationExpression	is novelization (expression)	Relates an expression to an expression of a novel adapted from the source entity.
novelizationOfExpression	is novelization of (expression)	Relates an expression to an expression of a work that has been adapted as a novel.
novelizationOfWork	is novelization of (work)	Relates a work to a work that has been adapted as a novel.
novelizationWork	is novelization (work)	Relates a work to a novel adapted from the source work.
onDiscWithItem	is on disc with (item)	Relates an item to an item that is contained on the same disc with the item being described.
onDiscWithManifestation	is on disc with (manifestation)	Relates a manifestation to a manifestation that is issued on the same disc with the manifestation being described.
paraphrasedAsExpression	is paraphrased as (expression)	Relates an expression to an expression of a work that restates the content of the source work in a different form.
paraphrasedAsWork	is paraphrased as (work)	Relates a work to a work that restates the content of the source work in a different form.
paraphraseOfExpression	is paraphrase of (expression)	Relates an expression to an expression of a work used as the basis for a paraphrase, i.e., a restating of the content of the source work in a different form.
paraphraseOfWork	is paraphrase of (work)	Relates a work to a work used as the basis for a paraphrase, i.e., a restating of the content of the source work in a different form.
parodiedAsExpression	is parodied as (expression)	Relates an expression to an expression of a work that imitates the style or content of the source work for comic effect.
parodiedAsWork	is parodied as (work)	Relates a work to a work that imitates the style or content of the source work for comic effect.
parodyOfExpression	is parody of (expression)	Relates an expression to an expression of a work whose style or content is imitated for comic effect.
parodyOfWork	is parody of (work)	Relates a work to a work whose style or content is imitated for comic effect.
precededByExpression	is preceded by (expression)	Relates an expression to an expression of a work that precedes (e.g., is earlier in time or before in narrative) the succeeding entity.
precededByWork	is preceded by (work)	Relates a work to a work that precedes (e.g., is earlier in time or before in a narrative) the succeeding work.
prequel	is prequel	Relates a work to a work that extends the narrative of an earlier work backwards in time.

prequelTo	is prequel to	Relates a work to a work whose narrative is extended backwards in time by the later work.
preservationFacsimile	is preservation facsimile	Relates a manifestation to a manifestation consisting of an exact reproduction on preservation-quality media, such as acid-free permanent or archival paper.
preservationFacsimileOfIte m	is preservation facsimile of (item)	Relates an item to an item used as the basis for an exact reproduction on preservation-quality media, such as acid-free permanent or archival paper.
preservationFacsimileOfM anifestation	is preservation facsimile of (manifestation)	Relates a manifestation to a manifestation used as the basis for an exact reproduction on preservation-quality media, such as acid-free permanent or archival paper.
radioAdaptationOfExpressi on	is radio adaptation of (expression)	Relates an expression to an expression of a work that has been adapted as a radio program.
radioAdaptationOfWork	is radio adaptation of (work)	Relates a work to a work that has been adapted as a radio program.
radioScriptBasedOnExpres sion	is radio script based on (expression)	Relates an expression to an expression of a work that has been adapted as the script for a radio program.
radioScriptBbasedOnWork	is radio script based on (work)	Relates a work to a work that has been adapted as the script for a radio program.
radioScriptExpression	is radio script (expression)	Relates an expression to an expression of a work that provides the text for a radio program.
radioScriptWork	is radio script (work)	Relates a work to a work that provides the text for a radio program.
relatedExpression	has related expression	Relates an expression to an expression, represented by an identifier, an authorized access point, or a description, that is related to the expression being described (e.g., a revised version, a translation).
relatedItem	has related item	Relates an item to an item, represented by an identifier or a description, that is related to the resource being described (e.g., an item used as the basis for a microform reproduction).
relatedManifestation	has related manifestation	Relates a manifestation to a manifestation, represented by an identifier or a description, that is related to the resource being described (e.g., a manifestation in a different format).
relatedWork	has related work	Relates a work to a work, represented by an identifier, an authorized access point, or a description, that is related to the work being described (e.g., an adaptation, commentary, supplement, sequel, part of a larger work).
remadeAsExpression	is remade as (expression)	Relates an expression to an expression of a new motion picture, radio program, television program, or video based on an earlier work.
remadeAsWork	is remade as (work)	Relates a work to a new motion picture, radio program, television program, or video based on an earlier work.
remakeOfExpression	is remake of (expression)	Relates an expression to an expression of a work used as the basis for a new motion picture, radio program, television program, or video.

remakeOfWork	is remake of (work)	Relates a work to a work used as the basis for a new motion picture, radio program, television program, or video.
reprintedAs	is reprinted as	Relates a manifestation to a manifestation that reissues the same expression of the work as the printed resource being described.
reprintOfItem	is reprint of (item)	Relates an item to an item that is used as the basis for a reprint with the same content as the resource being described.
reprintOfManifestation	is reprint of (manifestation)	Relates a manifestation to a printed manifestation that is used as the basis for a reissue with the same content as the resource being described.
reproducedAs	is reproduced as	Relates a manifestation to a manifestation that reproduces another manifestation embodying the same expression of a work.
reproductionOfItem	is reproduction of (item)	Relates an item to a particular item used as the basis for a reproduction.
reproductionOfManifestation	is reproduction of (manifestation)	Relates a manifestation to a manifestation used as the basis for a reproduction.
reviewedInExpression	is reviewed in (expression)	Relates an expression to an expression of a work that contains a brief evaluation of the described entity.
reviewedInWork	is reviewed in (work)	Relates a work to a work that contains a brief evaluation of the described work.
reviewOfExpression	is review of (expression)	Relates an expression to an expression of a work used as the basis for a brief evaluation.
reviewOfItem	is review of (item)	Relates an item to an item used as the basis for a brief evaluation.
reviewOfManifestation	is review of (manifestation)	Relates a manifestation to a manifestation used as the basis for a brief evaluation.
reviewOfWork	is review of (work)	Relates a work to a work used as the basis for a brief evaluation.
revisedAs	is revised as	Relates an expression to n expression of a work that has been updated, corrected, or expanded.
revisionOf	is revision of	Relates an expression to an expression of a work used as the basis for an updated, corrected, or expanded version.
screenplayBasedOnExpression	is screenplay based on (expression)	Relates an expression to an expression of a work that has been adapted as the screenplay for a motion picture, television program, or video.
screenplayBasedOnWork	is screenplay based on (work)	Relates a work to a work that has been adapted as the screenplay for a motion picture, television program, or video.
screenplayExpression	is screenplay (expression)	Relates an expression to an expression of a work that provides the text for a motion picture, television program or video.
screenplayForExpression	is screenplay for (expression)	Relates an expression to an expression of a work such as a motion picture, television program, or video, that uses the text of the work as a screenplay.
screenplayForTheMotionPictureExpression	is screenplay for the motion picture (expression)	Relates an expression to an expression of a work that uses the text as a screenplay for a motion picture.

screenplayForTheMotionPictureWork	is screenplay for the motion picture (work)	Relates a work to a work that uses the text as a screenplay for a motion picture.
screenplayForTheTelevisionProgramExpression	is screenplay for the television program (expression)	Relates an expression to an expression of a work that uses the text as a screenplay for a television program.
screenplayForTheTelevisionProgramWork	is screenplay for the television program (work)	Relates a work to a work that uses the text as a screenplay for a television program.
screenplayForTheVideoExpression	is screenplay for the video (expression)	Relates an expression to an expression of a work that uses the text as a screenplay for a video.
screenplayForTheVideoWork	is screenplay for the video (work)	Relates a work to a work that uses the text as a screenplay for a video.
screenplayForWork	is screenplay for (work)	Relates a work to a work such as a motion picture, television program, or video, that uses the text of the work as a screenplay.
screenplayWork	is screenplay (work)	Relates a work to a work that provides the text for a motion picture, television program or video.
scriptForTheRadioProgramExpression	is script for the radio program (expression)	Relates an expression to an expression of a work that uses the text of the source work as the script for a radio program.
scriptForTheRadioProgramWork	is script for the radio program (work)	Relates a work to a work that uses the text as the script for a radio program.
separatedFromExpression	is separated from (expression)	Relates an expression to an expression of a work that spun off a part of its content to form a new entity.
separatedFromWork	is separated from (work)	Relates a work to a work that spun off a part of its content to form a new work.
sequel	is sequel	Relates a work to a later work that continues the narrative of an earlier work.
sequelTo	is sequel to	Relates a work to the work whose narrative is continued by the later work.
sequentialExpression	has sequential expression	
sequentialWork	has sequential work	
seriesContainsWork	is series contains (work)	Relates a work to a work that has been issued as part of a series.
specialIssue	is special issue	Relates a manifestation to a manifestation that consists of a single issue or a supplementary section of a serial or newspaper devoted to a special subject.
specialIssueOf	is special issue of	Relates a manifestation to a serial or newspaper containing a single issue or a supplementary section devoted to a special subject, with or without serial numbering, such as an anniversary number of a periodical or newspaper.
splitIntoExpression	is split into (expression)	Relates an expression to an expression of one of two or more works resulting from the division of an earlier entity into separate entities.
splitIntoWork	is split into (work)	Relates a work to one of two or more works resulting from the division of an earlier work into separate works.
subseriesOfWork	is subseries of (work)	Relates a work to a work in which the part consistently appears; the title of the larger work appears on all issues or parts of the subseries.

subseriesWork	is subseries (work)	Relates a work to a serial or multipart work that consistently appears in a larger work; the title of the larger work appears on all issues or parts of the subseries
succeededByExpression	is succeeded by (expression)	Relates an expression to an expression of a work that succeeds (e.g., later in time or after in a narrative) the preceding entity.
succeededByWork	is succeeded by (work)	Relates a work to a work that succeeds (e.g., later in time or after in a narrative) the preceding work.
summaryExpression	is summary (expression)	Relates an expression to an expression of a work that consists of a brief recapitulation of the content of the source entity.
summaryOfExpression	is summary of (expression)	Relates an expression to an expression of a work used as the basis for a brief recapitulation of its content.
summaryOfWork	is summary of (work)	Relates a work to a work used as the basis for a brief recapitulation of its content.
summaryWork	is summary (work)	Relates a work to a work that consists of a brief recapitulation of the content of the source work.
supersededByExpression	is superseded by (expression)	Relates an expression to an expression of a later entity used in place of the earlier entity, usually because the later entity contains updated or new information that makes the earlier entity obsolete.
supersededByWork	is superseded by (work)	Relates a work to a later work used in place of an earlier work, usually because the later work contains updated or new information that makes the earlier work obsolete.
supersededInPartByExpression	is superseded in part by (expression)	Relates an expression to an expression of a later entity used in part in place of the earlier entity, usually because the later entity contains updated or new information that makes part of the earlier entity obsolete.
supersededInPartByWork	is superseded in part by (work)	Relates a work to a later work used in part in place of an earlier work, usually because the later work contains updated or new information that makes part of the earlier work obsolete.
supersedesExpression	is supersedes (expression)	Relates an expression to an expression of an earlier work whose content has been replaced by a later entity, usually because the later entity contains updated or new information that makes the earlier entity obsolete.
supersedesInPartExpression	is supersedes in part (expression)	Relates an expression to an expression of an earlier work whose content has been partially replaced by a later entity, usually because the later entity contains updated or new information that makes the earlier entity obsolete.
supersedesInPartWork	is supersedes in part (work)	Relates a work to an earlier work whose content has been partially replaced by a later work, usually because the later work contains updated or new information that makes the earlier work obsolete.

supersedesWork	is supersedes (work)	Relates a work to an earlier work whose content has been replaced by a later work, usually because the later work contains updated or new information that makes the earlier work obsolete.
supplementExpression	is supplement (expression)	Relates an expression to an expression of a work that updates or otherwise complements the predominant entity.
supplementToExpression	is supplement to (expression)	Relates an expression to an expression of a work that is updated or otherwise complemented by the augmenting entity.
supplementToWork	is supplement to (work)	Relates a work to a work that is updated or otherwise complemented by the augmenting work.
supplementWork	is supplement (work)	Relates a work to a work that updates or otherwise complements the predominant work.
televisionAdaptationOfExpression	is television adaptation of (expression)	Relates an expression to an expression of a work that has been adapted as a television program.
televisionAdaptationOfWork	is television adaptation of (work)	Relates a work to a work that has been adapted as a television program.
televisionScreenplayBasedOnExpression	is television screenplay based on (expression)	Relates an expression to an expression of a work that has been adapted as the screenplay for a television program.
televisionScreenplayBasedOnWork	is television screenplay based on (work)	Relates a work to a work that has been adapted as the screenplay for a television program.
televisionScreenplayExpression	is television screenplay (expression)	Relates an expression to an expression of a work that provides the text for a television program.
televisionScreenplayWork	is television screenplay (work)	Relates a work to a work that provides the text for a television program.
translatedAs	is translated as	Relates an expression to an expression of a work that translates the text of the source entity into a language different from that of the original work.
translationOf	is translation of	Relates an expression to an expression of a work that has been translated, i.e., the text expressed in a language different from that of the original work.
verseAdaptationExpression	is verse adaptation (expression)	Relates an expression to an expression of a literary composition in verse form adapted from the source entity.
verseAdaptationOfExpression	is verse adaptation of (expression)	Relates an expression to an expression of a work that has been adapted as a literary composition in verse form.
verseAdaptationOfWork	is verse adaptation of (work)	Relates a work to a work that has been adapted as a literary composition in verse form.
verseAdaptationWork	is verse adaptation (work)	Relates a work to a literary composition in verse form adapted from the source work.
videoAdaptationOfExpression	is video adaptation of (expression)	Relates an expression to an expression of a work that has been adapted for video.
videoAdaptationOfWork	is video adaptation of (work)	Relates a work to a work that has been adapted for video.
videoScreenplayBasedOnExpression	is video screenplay based on (expression)	Relates an expression to an expression of a work that has been adapted as the screenplay for a video.
videoScreenplayBasedOnWork	is video screenplay based on (work)	Relates a work to a work that has been adapted as the screenplay for a video.

videoScreenplayExpression	is video screenplay (expression)	Relates an expression to an expression of a work that provides the text for a video.
videoScreenplayWork	is video screenplay (work)	Relates a work to a work that provides the text for a video.
wholePartExpression	has whole-part expression	
wholePartItem	has whole-part item	
wholePartManifestation	has whole-part manifestation	
wholePartWork	has whole-part work	
workExpressed	has work expressed	Relates an expression to the work realized through an expression.
workManifested	has work manifested	Relates a manifestation to a work embodied in a manifestation.

Table 4.KJ: Directional RDF property labels and definitions for RDA relationship designators in Appendix K

URI	Label	Definition
alternateIdentity	has alternate identity	Relates a person to a pseudonymous or other identity assumed by the person.
descendantFamily	has descendant family	Relates a family to a family descended from the other family.
descendants	has descendants	Relates a person to a family descended from the particular person.
employee	has employee	Relates a corporate body to a person employed by the corporate body.
employer	has employer	Relates a person to a corporate body that employs the person.
familyMember	has family member	Relates a family to a person who is a member of the family.
foundedCorporateBody	has founded corporate body	Relates a person to an organization that the person founded.
foundedCorporateBody	has founded corporate body	Relates a family to an organization that the family founded.
foundedCorporateBody	has founded corporate body	Relates a corporate body to a corporate body that the other corporate body founded.
founder	has founder	Relates a corporate body to a person who founded the corporate body.
foundingCorporateBody	has founding corporate body	Relates a corporate body to a corporate body that founded the other corporate body.
foundingFamily	has founding family	Relates a corporate body to a family that founded the corporate body.
groupMember	has group member	Relates a corporate body to a person who is a member of the performing group, expedition, etc.
groupMemberOf	has group member of	Relates a person to a corporate body (performing group, expedition, etc.) of which the person is a member.
hierarchicalSubordinate	has hierarchical subordinate	Relates a corporate body to a corporate body that is subordinate to the other corporate body.
hierarchicalSuperior	has hierarchical superior	Relates a corporate body to a corporate body that is hierarchically superior to the other corporate body.
incumbent	has incumbent	Relates a corporate body to a person holding an office in the corporate body.
mergee	has mergee	Relates a corporate body to a corporate body that merged with the other corporate body to form a third.
predecessor	has predecessor	Relates a corporate body to a corporate body that precedes the other corporate body.
productOfAMerger	has product of a merger	Relates a corporate body to a corporate body that resulted from a merger of two or more other corporate bodies.

productOfASplit	has product of a split	Relates a corporate body to a corporate body that resulted from a split or division of the other corporate body.
progenitor	has progenitor	Relates a family to a person from whom the family is descended.
realIdentity	has real identity	Relates a person to a real person who assumes the alternate identity.
sponsor	has sponsor	Relates a corporate body to a person sponsoring the corporate body.
sponsoredCorporateBody	has sponsored corporate body	Relates a family to an organization that the family sponsors.
sponsoredCorporateBody	has sponsored corporate body	Relates a corporate body to a corporate body that is sponsored by the other corporate body.
sponsoringCorporateBody	has sponsoring corporate body	Relates a corporate body to a corporate body that sponsors the other corporate body.
sponsoringFamily	has sponsoring family	Relates a corporate body to a family that sponsors the corporate body.
successor	has successor	Relates a corporate body to a corporate body that succeeds or follows the other corporate body.